

S/N 09/888823

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Trevor A. Page

Examiner: Michael Shingleton

Serial No.: 09/888823

Group Art Unit: 2817

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Docket: 00778.042US1

Title: GATE MODULATION FOR HIGH POWER AMPLIFIERS



RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
Washington, D.C. 20231

In response to the Restriction Requirement mailed September 24, 2002, Applicant elects, **with traverse**, Group II, the species of Figure 2 thought to correspond to claims 1-2, 5-8, and 15-20. Applicants respectfully submit that these claims read on the elected species.

REMARKS

The Restriction Requirement is respectfully traversed. MPEP § 803 states: "In a search and examination of an entire application can be made without serious burden, the examiner must examine it on the merits, even though it includes claims to independent or distinct inventions." As indicated in the field of the invention, the invention relates to modulation of high power amplifiers for efficient operation. The claims are all directed to that function. The invention basically turns off a power consuming biasing signal to conserve power based on an input signal which is either a voltage or baseband digital data. Figure 1 corresponds to the input signal being a voltage, while Figure 2 corresponds to the input signal being digital baseband data. It is believed that examination of all the claims would not be a serious burden.

At least claim 1 is generic with respect to both Figures. The form of the input signal is not specified, and could be either a voltage or digital baseband data as clearly specified by claims depending from claim 1. Dependent claim 4 specifies it as a voltage, which corresponds to Figure 1, while dependent claim 5 refers to the input signal as digital baseband data, corresponding to Figure 2. Thus, applicant respectfully requests that the Examiner withdraw the restriction requirement and proceed with the examination of all claims of the application on the merits.

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